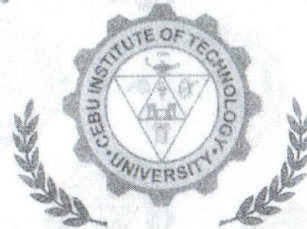


Cebu Institute of Technology University



*The Board of Directors, by virtue of the authority vested
by the Commission on Higher Education, Republic of the Philippines
and on the recommendation of the faculty, has conferred upon*

Jonah Flor Villar Orano

*who has successfully completed all the requirements
the degree of*

Doctor in Information Technology

*with all the rights, honors, and privileges as well as the obligations
and responsibilities thereto appertaining.*

*Given in Cebu City, Philippines, this 28th day
of March in the year of our Lord,
Two Thousand and Twenty*



GRANTED AUTONOMOUS STATUS / EXEMPTED
FROM THE ISSUANCE OF SPECIAL ORDER

DEAN

PRESIDENT
CHAIRMAN, BOARD OF DIRECTORS

ENGR. PABLO G. SUERTE, PhD
UNIVERSITY REGISTRAR
CEBU INSTITUTE OF TECHNOLOGY-UNIVERSITY
CEBU CITY CAME NOV 19 2021

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CEBU INSTITUTE OF TECHNOLOGY
UNIVERSITY

N. Bacalso Ave., 6000 Cebu City, Philippines
Tel. No. (32) 261-7741 loc. 131 • Fax (32) 261-7741 loc. 130

OFFICE OF THE REGISTRAR

OFFICIAL TRANSCRIPT OF RECORDS

Student Name: ORAÑO, JONAH FLOR VILLAR
Course & Year: DIT
Sex: Female
Date of Birth: July 7, 1986
Place of Birth: Ormoc, Leyte
Citizenship: Filipino
Address: San Isidro, Mahaplag, Leyte
Contact No.: None
Parent/Guardian: Mr. and Mrs. Juanito Oraño

RECORD OF PRELIMINARY EDUCATION

Elementary School:	San Isidro Elementary School	Year:	1998
Junior High School:	Mahaplag National High School	Year:	2002
Senior High School:	N/A	Year:	N/A

DEGREE : DOCTOR IN INFORMATION TECHNOLOGY		DATE OF GRADUATION	
MAJOR :		March 28, 2020	
SUBJECT NO.	DESCRIPTIVE TITLE	GRADES	UNITS
CEBU INSTITUTE OF TECHNOLOGY - UNIVERSITY, Cebu City			
First Semester, 2017 - 2018			
DIT 812	Research Methods	4.9	3
DIT 819	Special Topics in IT	4.6	3
DIT 831	Intelligent Systems	4.4	3
Second Semester, 2017 - 2018			
DIT 816	Data Mining	4.9	3
DIT 817	IT Security	4.4	3
DIT 835	Intelligent Systems 2	4.6	3
First Semester, 2018 - 2019			
DIT 891	Dissertation Writing 1	4.8	3
Second Semester, 2018 - 2019			
DIT 892	Dissertation Writing 2	4.8	3
First Semester, 2019 - 2020			
DIT 893	Dissertation Writing 3	4.8	3
xxx	xxx	xxx	xxx

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CIT-U GRADING SYSTEM		
GRADE	EQUIVALENT	INDICATION
5.0 --- A+	95 - 100%	Excellent
4.8 - 4.9 --- A	93 - 94%	Superior
4.5 - 4.7 --- A-	90 - 92%	
4.3 - 4.4 --- B+	88 - 89%	Very Good
4.0 - 4.2 --- B	85 - 87%	
3.8 - 3.9 --- B-	83 - 84%	Good
3.5 - 3.7 --- C+	80 - 82%	
3.3 - 3.4 --- C	78 - 79%	Fair
3.0 - 3.2 --- C-	75 - 77%	
1.0 --- D	74% & BELOW	Failure
INC	INCOMPLETE	
NC	NO CREDIT	
DR	DROPPED	
W	WITHDRAWN	

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UNIVERSITY REGISTRAR
CEBU INSTITUTE OF TECHNOLOGY-UNIVERSITY
CERIFICITY PHILS. DATE NOV 19 2021

Arman R. Reyes
Records-in-Charge - 11/18/2021
Prepared by

Arniel P. Millor
Records Verifier
Checked by

ENGR. PABLITO G. SUERTE, PhD
UNIVERSITY REGISTRAR



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OFFICE OF THE REGISTRAR

OFFICIAL TRANSCRIPT OF RECORDS

NAME: ORAÑO, JONAH FLOR VILLAR		DATE OF GRADUATION	
DEGREE/COURSE: DOCTOR IN INFORMATION TECHNOLOGY		March 28, 2020	
SUBJECT NO.	DESCRIPTIVE TITLE	GRADES	UNITS
CEBU INSTITUTE OF TECHNOLOGY - UNIVERSITY, Cebu City			
Second Semester, 2019 - 2020			
DIT 894	Dissertation Writing 4	4.8	3
xxx Transcript Closed xxx			
Degree Earned : DOCTOR IN INFORMATION TECHNOLOGY (DIT)			
Date of Graduation : MARCH 28, 2020			
Special Order (S.O.) : EXEMPTED (CIT University has been granted AUTONOMOUS			
Requirement STATUS by the Commission on Higher Education).			

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CIT-U GRADING SYSTEM			
GRADE	EQUIVALENT	INDICATION	
5.0	A+	95 - 100%	Excellent
4.8 - 4.9	A	93 - 94%	Superior
4.5 - 4.7	A-	90 - 92%	
4.3 - 4.4	B+	88 - 89%	Very Good
4.0 - 4.2	B	85 - 87%	
3.8 - 3.9	B-	83 - 84%	Good
3.5 - 3.7	C+	80 - 82%	
3.3 - 3.4	C	78 - 79%	Fair
3.0 - 3.2	C-	75 - 77%	
1.0	D	74% & BELOW	Failure
INC	INCOMPLETE		
NC	NO CREDIT		
DR	DROPPED		
W	WITHDRAWN		

Attachment/s : Six (6) pages of scanned TOR from University of San Carlos

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Arman R. Reyes
Records-in-Charge 11/18/2021
Prepared by

Amiel P. Millor
Records Verifier
Checked by

ENGR. PABLITO G. SUERTE, PhD
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Universities (PAASCU)

SCHOOL CODE: 7078

OFFICIAL TRANSCRIPT OF RECORDS

Page 1

PERSONAL DATA

Student Name : **ORAÑO, JONAH FLOR VILLAR**
ID Number : 08302219
Birthdate : JULY 07, 1986
Birthplace : ORMOC CITY
Gender : FEMALE
Religion : ROMAN CATHOLIC
Citizenship : FILIPINO
Parent/Spouse : JUANITO P. ORAÑO
Address : SAN ISIDRO, MAHAPLAG 6500, LEYTE,
REGION-8 - EASTERN VISAYAS, PHILIPPINES
Tel no. : 09778024569



PRELIMINARY EDUCATION

Elementary : SAN ISIDRO ELEMENTARY SCHOOL Year : 1998
Secondary : MAHAPLAG NATIONAL HIGH SCHOOL Year : 2002

GRADING SYSTEM

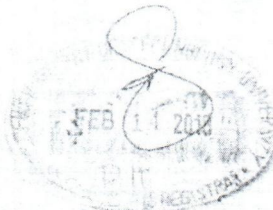
	GRADE	EQUIVALENT	INDICATION
1.0	A+	100-95%	Excellent
1.1-1.5	A- A-	94-90%	Very Good
1.6-2.5	A- B-	89-80%	Good
2.6-3.0	C+ -C	79-75%	Fair
5.0	C-	74	Failure
INC	"Incomplete"		
NC	"No Credit"		
W.	"Withdrawal with official notice"		
IP	In Progress		
P	Passed		

One collegiate unit of credit is one hour lecture or recitation each week or total of 18 hours in a semester. Three hours laboratory work, drafting, or a shop work each week or a total of 54 hours a semester as regarded as equivalent also to one unit of credit.

The semestral average grade of a student is computed by multiplying the number of units assigned to a course by the grade earned and the product divided by the total units earned for the semester.

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University Registrar



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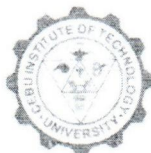
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Page 2

Student Name : ORAÑO, JONAH FLOR VILLAR

FIRST TRIMESTER 2008-2009 - MSIT

Code	Title	Grade	Credit/s
IT 200	BASIC CONCEPTS IN IT	1.1	3.0
IT 201	PROGRAMMING FUNDAMENTALS	1.4	3.0
IT 202	DATA STRUCTURES AND ALGORITHMS	1.2	3.0

SECOND TRIMESTER 2008-2009 - MSIT

Code	Title	Grade	Credit/s
IT 203	PRINCIPLES OF DATA AND INFORMATION SYSTEMS 1	1.0	3.0
IT 204	COMPUTER ORGANIZATION	1.3	3.0
IT 216	MANAGEMENT INFORMATION SYSTEMS	1.1	3.0

THIRD TRIMESTER 2008-2009 - MSIT

Code	Title	Grade	Credit/s
IT 207	OPERATING SYSTEMS	1.7	3.0
IT 208	NETWORK TECHNOLOGIES 1	1.2	3.0
IT 220	DISCRETE AND COMBINATORIAL MATHEMATICS	1.8	3.0

FIRST TRIMESTER 2009-2010 - MSIT

Code	Title	Grade	Credit/s
IT 205	ORGANIZATION OF DATABASES	1.1	3.0
IT 206	PROGRAMMING PARADIGMS	1.5	3.0
IT 250	PROJECT MANAGEMENT	1.2	3.0

SECOND TRIMESTER 2009-2010 - MSIT

Code	Title	Grade	Credit/s
IT 222	DECISION-SUPPORT SYSTEMS	1.2	3.0
RES 201MNT	ELEMENTS OF RESEARCH	1.8	3.0

THIRD TRIMESTER 2009-2010 - MSIT

Code	Title	Grade	Credit/s
THES RES	THESIS COUNSELLING	IP	

FIRST TRIMESTER 2010-2011 - MSIT

Code	Title	Grade	Credit/s
THES RES	THESIS COUNSELLING	IP	

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Page 3

Student Name : ORAÑO, JONAH FLOR VILLAR

SECOND TRIMESTER 2010-2011 - MSIT

Code	Title	Grade	Credit/s
CAS RES	RESIDENCY IN CAS	P	

THIRD TRIMESTER 2010-2011 - MSIT

Code	Title	Grade	Credit/s
THES RES	THESIS COUNSELLING	IP	

FIRST TRIMESTER 2011-2012 - MSIT

Code	Title	Grade	Credit/s
THES RES	THESIS COUNSELLING	IP	

FIRST TRIMESTER 2012-2013 - MSIT

Code	Title	Grade	Credit/s
CAS RES	RESIDENCY IN CAS	P	

Graduated : MASTER OF SCIENCE IN INFORMATION TECHNOLOGY
Date of Graduation : October 13, 2012
Thesis/Dissertation : WEB-BASED GRADE SUBMISSION SYSTEM OF VISAYAS STATE UNIVERSITY
Special Order (S.O) Requirement : EXEMPTED. The University of San Carlos has been granted autonomous status by the Commission on Higher Education with the benefit of exemption from the issuance of Special Order (S.O.) for its graduates.

Date Issued : January 13, 2018

Purpose : COPY FOR CEBU INSTITUTE OF TECHNOLOGY-UNIVERSITY, CEBU CITY

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University Registrar

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VISAYAS STATE UNIVERSITY

Formerly Visayas State College of Agriculture and Life Sciences
Main Campus
Visca, Baybay City, Leyte 6521-A
Philippines

Tel/Fax: +63 53 335 2601
e-mail: ops@vsc.edu.ph
website: www.vsc.edu.ph
Reg. Tel. No.: +63 53 335 2644 • +63 53 583 7426

OFFICIAL TRANSCRIPT OF RECORDS

PERSONAL DATA

Student Name : Orano, Jonah Flor Villar
Student Number : 02100833
Date of Birth : JULY 7, 1980
Place of Birth : Ormaqui, Cebu
Sex : Female
Religion : Roman Catholic
Citizenship : Filipino
ACR No. :
Parent/Spouse :
Address :
Tel. No. :
Guardian :
Address :
Tel. No. :



PRELIMINARY EDUCATION

Elementary : San Isidro Elementary School Year: 1996
High School : San Isidro National High School Year: 2002
Entrance Credential :
San Isidro National High School
San Isidro, Ormaqui, Cebu

GRADING SYSTEM

RATING	EQUIVALENT	INDICATION
1.00	100%	Excellent
1.25	98%	Highly Satisfactory
1.50	95%	Good
1.75	90%	Very Good
2.00	85%	Good
2.25	80%	Very Satisfactory
2.50	75%	Satisfactory
2.75	70%	Fair
3.00	65%	Unsatisfactory
3.25	60%	Very Poor
3.50	55%	Very Poor
3.75	50%	Very Poor
4.00	45%	Very Poor
4.25	40%	Very Poor
4.50	35%	Very Poor
4.75	30%	Very Poor
5.00	25%	Very Poor

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University Registrar
JAN 13 2018

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University Registrar

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VISAYAS STATE UNIVERSITY

(Formerly - Visayas State College of Agriculture and Life Science)

Main Campus

Visca, Baybay City, Leyte 6521-A
Philippines

Telefax: +63 53 335 2501
e-mail: govscsa@mvn.com.ph
website: www.vsu-visca.edu.ph
Reg. Tel. No. +63 53 335 2544, +63 53 562 7428

OFFICIAL TRANSCRIPT OF RECORDS

Name : Oracho, Jonah Flor Villar Student No.: 02100939
Course : Bachelor of Science in Computer Science (BSCS)

LEYTE STATE UNIVERSITY (LSU), Visca, Baybay, Leyte

Course No.	Descriptive Title	Grade	Credits
Second Semester, SY 2004-2005			
CS 136	STRUCTURE OF PROGRAMMING LANGUAGES	2.00	3.0
CS 138	SOFTWARE ENGINEERING	1.75	3.0
CS 139	OPERATING SYSTEMS	2.00	3.0
PH 140	PANITIKANG PILIPINO	1.25	1.0
SCSC 14	PHIL.SOC. PROBS., LAND REFORM & TAX	1.50	3.0
STAT 136	EXPERIMENTAL DESIGN I	2.25	3.0
First Semester, SY 2005-2006			
CS 143	WEB PROGRAMMING	1.75	3.0
CS 145	PRIN. OF COMPUTER DESIGN	2.50	3.0
CS 147	AUTOMATA AND LANGUAGES THEORY	2.25	3.0
CS 198	RESEARCH PLAN/MANUSCRIPT PREP	2.75	3.0
CS 200	UNDERGRADUATE THESIS	0	In Progress
CS 142	STATISTICAL PACKAGES	1.50	3.0
SACI 16	LIFE AND WORKS OF RIZAL	1.50	3.0
Second Semester, SY 2005-2006			
CS 144	DATA COMMUNICATION & NETWORKING	1.75	3.0
CS 148	DESIGNS & ANALYSIS OF ALGORITHMS	2.50	3.0
CS 192	COMPUTER ETHICS & TECHNICAL MANUAL PR	1.50	3.0
CS 199	UNDERGRADUATE SEMINAR	1.75	1.0
CS 200	UNDERGRADUATE THESIS	1.50	6.0

Thesis :
DEVELOPMENT OF AN INTEGRATED PAYROLL AND SERVICE RECORDS
MANAGEMENT SYSTEM - PAYROLL MODULE
Graduated on April 1, 2006 with the degree of Bachelor of Science in
Computer Science (BSCS) as per LSU Board of Regents Resolution No. 19,
s. 2006 dated March 7, 2006.

NO ENTRY BELOW THIS LINE IS NULL AND VOID

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Main Campus
Visca, Baybay City, Leyte 6521-A
Philippines

Tel/Fax: +63 53 335 2601
e-mail: spvscas@vscu.com.ph
website: www.vsu-visca.edu.ph
Reg. Id. No.: +63 53 335 2644 • +63 53 361 7426

OFFICIAL TRANSCRIPT OF RECORDS

Name : Ordo, Jonah Fler Villar Student No.: 02100839
Course : Bachelor of Science in Computer Science (BSCS)

LEYTE STATE UNIVERSITY (LSU), Visca, Baybay, Leyte

Course No	Descriptive Title	Grade	Credits
First Semester, SY 2002-2003			
CHEM 11	GENERAL CHEMISTRY I	1.75	3.0
CS 11	INTRO. TO COMPUTER SCIENCE	1.25	3.0
ENGL 11	COMMUNICATION SKILLS I	1.50	3.0
MATH 11	COLLEGE ALGEBRA	1.50	3.0
PSYC 11	GENERAL PSYCHOLOGY	1.50	3.0
SCSC 11	SOCIO-ECONOMIC SYSTEMS	1.00	1.0
NOTE 11a	NAT. SERVICE TRNG PROGRAM (NSTR)	1.75	3.0
PHED11	PHYSICAL FITNESS AND GYMNASIICS	1.50	1.0
Second Semester, SY 2002-2003			
BIO 11	GENERAL BIOLOGY	1.50	3.0
CS 12	FOUNDATION OF COMPUTER SCIENCE	2.25	3.0
ENGL 12	COMMUNICATION SKILLS II	1.50	1.0
MATH 12	PLANE TRIGONOMETRY	2.00	3.0
PHILO12	CONTEMPORARY PHILOSOPHICAL THOUGHTS	1.50	3.0
SOCI 11	GENERAL SOCIOLOGY	1.25	3.0
NOTE 12a	NAT. SERVICE TRNG PROGRAM (NSTR)	1.75	3.0
PHED12	REC.GAMES,RHYTHMIC ACT. AND DANCE	1.25	2.0
First Semester, SY 2003-2004			
CS 101	DISCRETE MATHS FOR COMPUTER SCIENCE	2.25	3.0
CS 103	COMPUTER PROGRAMMING	1.00	3.0
HUM 11	INTRODUCTION TO HUMANITIES	1.25	3.0
MATH101	MATH ANALYSIS I	2.75	5.0
PHYS 11	GENERAL PHYSICS I	2.00	4.0
SPCH 11	SPEECH COMMUNICATION	1.50	3.0
PHED13	TEAM SPORTS	1.50	1.0
Second Semester, SY 2003-2004			
CS 112	DATA STRUCTURES	3.00	3.0
CS 112	LOGIC CIRCUIT DESIGN	2.25	3.0
MATH120	MATH ANALYSIS II	2.75	5.0
PHYS 21	COLLEGE PHYSICS	3.00	3.0
SHRC 15	PHIL. HISTORY & CONSTITUTION	1.50	3.0
STAT 21	ELEMENTARY STATISTICS	2.00	1.0
PHED14	INDIVIDUAL/DUAL SPORTS	1.25	2.0
First Semester, SY 2004-2005			
CS 113	FILE PROCESSING /DATABASE SYSTEMS	2.00	3.0
CS 113	INTRO TO COMPUTER ORG./ASSEMBLY PROG	2.00	3.0
CS 133	OBJECT-ORIENTED PROGRAMMING	2.00	3.0
CS 133	VISUAL PROGRAMMING	3.00	3.0
ENGL 21	INTRO TO LITERATURE	1.25	3.0
PHIL 31	READING NO. MANIPALACTALASTAGAN AT 1010	2.00	3.0
MATH131	MATRIX ALGEBRA	2.75	3.0
Second Semester, SY 2004-2005			
CS 134	COMPUTER ARCHITECTURE	1.75	3.0

(Continued on next page)

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